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Docket No.: M4065.0573/P573-B  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
David C. Feldmeier et al.

Application No.: 10/645,604

Group Art Unit: 2186

Filed: August 22, 2003

Examiner: Matthew D. Anderson

For: **PARTIALLY-ORDERED CAMS USED IN  
TERNARY HIERARCHICAL ADDRESS  
SEARCHING/SORTING**

**DECLARATION UNDER 37 C.F.R. § 1.132**

Commissioner for Patents  
Washington, DC 20231

Dear Sir:

I, David C. Feldmeier, of Redwood City, CA, declare as follows:

that I was an employee of Music Semiconductors, Inc., formerly of Hackettstown NJ, San Jose CA, and Milpitas CA (Music Semiconductors) during the time interval from July 1996 to March 2002;

that as an employee of Music Semiconductors I made inventions, and prepared documents for publication relating to such inventions;

that I am an Applicant and Co-inventor (with Tyler Arnold) of United States Patent Application No. 10/645,604 (the Application) entitled Partially-Ordered Cams Used in Ternary Hierarchical Address Searching/Sorting;

that, as Co-inventors, Tyler Arnold and I assigned the Application to Music Semiconductors;

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that, on information and belief, the Application has now been assigned to Micron Technology, Inc., of Boise Idaho;

that I have reviewed now-pending claims 56-87 of the Application, a copy of which is attached hereto, and affirm that Tyler Arnold and I are Co-inventors of the invention claimed therein;

that I am the Co-author (with Tyler Arnold) of "A Method\* For Fast IPv4 CIDR Address Translation and Filtering Using the MUSIC WidePort LANCAM, LANCAM, and LANCAM 1<sup>st</sup> Family," dated January 1998 (the LANCAM Publication), a copy of which is attached hereto;

that I am also the Co-author (with Tyler Arnold) of "Fast IPv4 And IPv4 CIDR Address Translation And Filtering Using the MUAC™ Routing Coprocessor (RCP)\*," dated January 1998 (the MUAC Publication), a copy of which is attached hereto;

that Co-authors of the LANCAM Publication and MUAC Publication, Tyler Arnold and I, disclosed therein the invention as now claimed in claims 56-87 of the Application; and accordingly

that (1) the subject matter of the LANCAM Publication relevant to the claims (Relevant Subject Matter) was derived from the Applicants, (2) the subject matter of the MUAC Publication relevant to the claims (Relevant Subject Matter) was derived from the Applicants and (3) the Applicants actually invented the Relevant Subject Matter;

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I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; further, that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment or both, under section 1001 of Title 19 of the U.S. Code and that such willful statement may jeopardize the validity of the application or any patent issued thereon.

Further declarant sayeth not.

  
David C. Feldmeier

Date: February 8, 2005